

5' TTTG ACA AGT CAG AAG CTT GAA AGC AGG GAA ATC CGG ATG TCT CGG TTA TGA AGT 56
 11 20 29 38 47
 GGA GCA GTG AGT GTG AGC CTC AAC ATA GTT CCA GAA CTC TCC ATC CGG ACT AGT 110
 65 74 83 92 101
 TAT TGA GCA TCT GCC TCT CAT ATC ACC AGT GGC CAT CTG AGG TGT TTC CCT GGC 164
 119 128 137 146 155
 TCT GAA GGG GTA GGC ACG ATG GCC AGG TGC TTC AGC CTG GTG TTTG CTT CTC ACT 218
 173 182 191 200 209
 TCC ATC TGG ACC ACG AGG CTC CTG GTC CAA GGC TCT TTG CGT GCA GAA GAG CTT 272
 227 236 245 254 263
 S I W T T R L L V Q G S L R A E E L
 281 290 299 308 317 326
 TCC ATC CAG GTG TCA TGC AGA ATT ATG GGG ATC ACC CTT GTG AGC AAA AAG GCG
 S I Q V S C R I M G I T L V S K K A
 335 344 353 362 371 380
 AAC CAG CAG CTG AAT TTC ACA GAA GCT AAG GAG GCC TGT AGG CTG CTG GGA CTA
 N Q Q L N F T E A K E A C R L L G L
 389 398 407 416 425 434
 AGT TTG GCC GGC AAG GAC CAA GTT GAA ACA GCC TTG AAA GCT AGC TTT GAA ACT
 S L A G K D Q V E T A L K A S F E T

FIGURE 1A

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443	452	461	470	479	488
TGC AGC TAT GGC TGG GTT GGA GAT GGA TTC GTG GTC ATC TCT AGG ATT AGC CCA					
C S Y G G W V G G D G G F V V I S R I S P					
497	506	515	524	533	542
AAC CCC AAG TGT GGG AAA AAT GGG GTG GGT GTC CTG ATT TGG AAG GTT CCA GTG					
N P K C G K N G V G V L I W K V P V					
551	560	569	578	587	596
AGC CGA CAG TTT GCA GCC TAT TGT TAC AAC TCA TCT GAT ACT TGG ACT AAC TCG					
S R Q F A A Y C Y N S S D T W T N S					
605	614	623	632	641	650
TGC ATT CCA GAA ATT ATC ACC ACC AAA GAT CCC ATA TTC AAC ACT CAA ACT GCA					
C I P E I I T T K D P I F N T Q T A					
659	668	677	686	695	704
ACA CAA ACA ACA GAA TTT ATT GTC AGT GAC AGT ACC TAC TCG GTG GCA TCC CCT					
T Q T T E F I V S D S T Y S V A S P					
713	722	731	740	749	758
TAC TCT ACA ATA CCT GCC CCT ACT ACT ACT ACT CCT CCT CCT GCT TCC ACT TCT					
Y S T I I P A P T T T T P P A P A S T S					
767	776	785	794	803	812
ATT CCA CGG AGA AAA AAA TTG ATT TGT GTC ACA GAA GTT TTT ATG GAA ACT AGC					
I P R R K K L I C V T E V F M E T S					

FIGURE 1B

821	830	839	848	857	866
ACC ATG TCT ACA GAA ACT GAA CCA TTT GTT GAA AAT AAA GCA GCA TTC AAG AAT					
T M S T E T E P F V E N K A A F K N					
875	884	893	902	911	920
GAA GCT GCT GGG TTT GGA GGT GTC CCC ACG GCT CTG CTA GTG CTT GCT CTC CTC					
E A A G F G G V P T A L L V L A L L					
929	938	947	956	965	974
TTC TTT GGT GCT GCA GCT GGT CTT GGA TTT TGC TAT GTC AAA AGG TAT GTG AAG					
F F G A A A G L G F C Y V K R Y V K					
983	992	1001	1010	1019	1028
GCC TTC CCT TTT ACA AAC AAG AAT CAG CAG AAG GAA ATG ATC GAA ACC AAA GTA					
A F P F T N K N Q Q Q K E M I E T K V					
1037	1046	1055	1064	1073	1082
GTA AAG GAG GAG AAG GCC AAT GAT AGC AAC CCT AAT GAG GAA TCA AAG AAA ACT					
V K E E K A A N D S N P N E E S K K T					
1091	1100	1109	1118	1127	1136
GAT AAA AAC CCA GAA GAG TCC AAG AGT CCA AGC AAA ACT ACC GTG CGA TGC CTG					
D K N P E E S S P S P S K K T T V R C L					
1145	1154	1163	1172	1181	1190
GAA GCT GAA GTT TAG ATG AGA CAG AAA TGA GGA GAC ACA CCT GAG GCT GGT TTC					
E A E V					

FIGURE 1C

1199 1208 1217 1226 1235 1244
TTT CAT GCT CCT TAC CCT GCC CCA GCT GGG GAA ATC AAA AGG GCC AAA GAA CCA

1253 1262 1271 1280 1289 1298
AAG AAG AAA GTC CAC CCT TGG TTC CTA ACT GGA ATC AGC TCA GGA CTG CCA TTG

1307 1316 1325 1334 1343 1352
GAC TAT GGA GTG CAC CAA AGA GAA TGC CCT TCT CCT TAT TGT AAC CCT GTC TGG

1361 1370 1379 1388 1397 1406
ATC CTA TCC TCC TAC CTC CAA AGC TTC CCA CGG CCT TTC TAG CCT GGC TAT GTC

1415 1424 1433 1442 1451 1460
CTA ATA ATA TCC CAC TGG GAG AAA GGA GTT TTG CAA AGT GCA AGG ACC TAA AAC

1469 1478 1487 1496 1505 1514
ATC TCA TCA GTA TCC AGT GGT AAA AAG GCC TCC TGG CTG TCT GAG GCT AGG TGG

1523 1532 1541 1550 1559 1568
GTT GAA AGC CAA GGA GTC ACT GAG ACC AAG GCT TTC TCT ACT GAT TCC GCA GCT

1577 1586 1595 1604 1613 1622
CAG ACC CTT TCT TCA GCT CTG AAA GAG AAA CAC GTA TCC CAC CTG ACA TGT CCT

1631 1640 1649 1658 1667 1676
TCT GAG CCC GGT AAG AGC AAA AGA ATG GCA GAA AAG TTT AGC CCC TGA AAG CCA

FIGURE 1D

FIGURE 1E